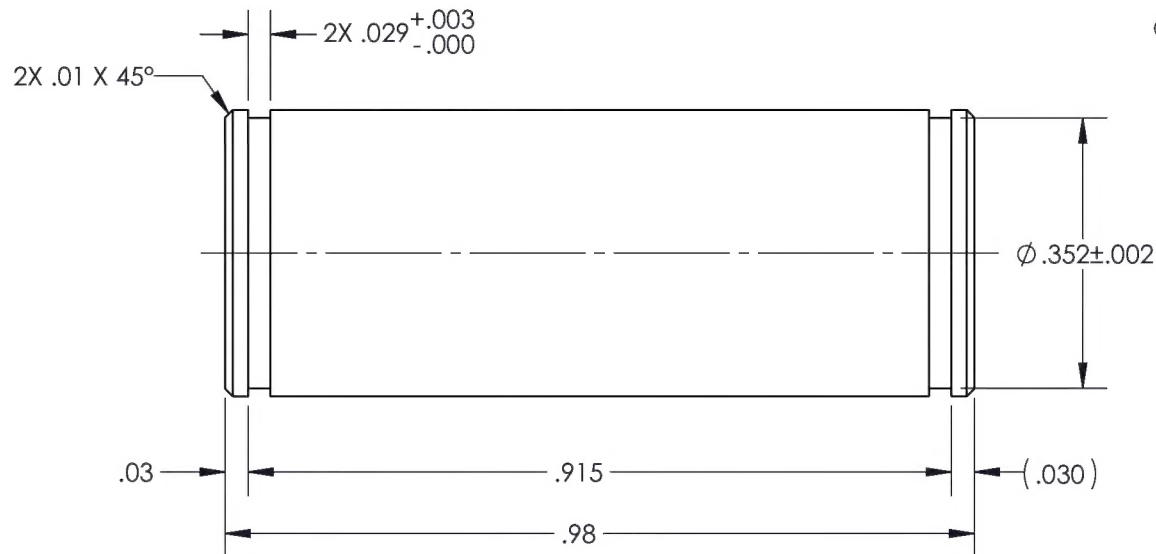
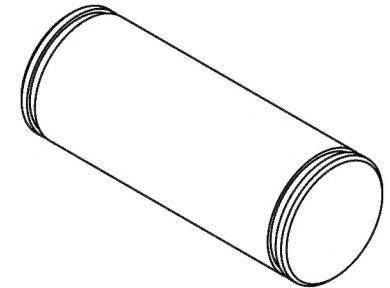
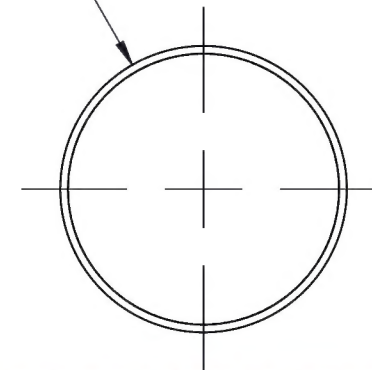


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REVISIONS					
REV	ECR	DESCRIPTION	DATE	INITIAL	APPROVED
A	14-0111	CH'T TITLE BLOCK WAS RED BAR IS DART. ADDED BAG & LABEL NOTE. CH'D DIMENSION TOLERANCE WAS .030 IS .03, WAS .975 IS .98, WAS Ø.375 ±.005 IS Ø.373 +.002 -.000.	8/7/2014	DJN	RW



Ø.373^{+.002}_{-.000}



SEE ATTACHED DEVIATION

NOTE:
BAG & LABEL WITH BATCH NUMBER.

DART AEROSPACE	
TITLE LOCK ROLLER PIN	
DWG NO. C3-12-5	REV A
MAT'L 4140	DRAWN BY: CANAM
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES	APPROVED <i>D Weil</i>
.XXX ± .005 FRACTIONS ± 1/8	HEAT TREAT RC 44-46
.XX ± .01 ANGLES ± 5°	FINISH
.X ± .1	SPEC
1. BREAK ALL SHARP EDGES .015 x 45° OR .015R	USED ON MODEL
2. DIMENSIONAL LIMITS APPLY AFTER PLATING	
SCALE 4:1	DATE 11/1/2001 SHEET 1 OF 1

ASSY QTY	ASSY QTY	B/O	Part #	UNIT QTY	Description	Material	B/O INFORMATION OR SPECIFICATIONS	PG.
			C3-12-5	1	LOCK ROLLER PIN	4140	Ø3/8 X 1-1/8	

DQA: _____ Date: _____

**WORK ORDER NON-CONFORMANCE / UPDATE**

QA Closed: _____ Date: _____

Work Order update only ☐

Work Order: _____ Part No. <u>C3-12-5 Rev. A</u> NCR No. _____		DISPOSITION Rework <input type="checkbox"/> Scrap <input type="checkbox"/> Use-as-is <input type="checkbox"/> Suspected Unapproved <input type="checkbox"/>		AGAINST DEPARTMENT/PROCESS <table style="width:100%; border: none;"> <tr> <td style="border: none;">Skid-tube <input type="checkbox"/></td> <td style="border: none;">Cross tube <input type="checkbox"/></td> <td style="border: none;">Water Jet <input type="checkbox"/></td> <td style="border: none;">Engineering <input type="checkbox"/></td> </tr> <tr> <td style="border: none;">Machining <input type="checkbox"/></td> <td style="border: none;">Small Fab <input type="checkbox"/></td> <td style="border: none;">Prod. Eng. Coord. <input type="checkbox"/></td> <td style="border: none;">Quality <input type="checkbox"/></td> </tr> <tr> <td style="border: none;">Thermoforming <input type="checkbox"/></td> <td style="border: none;">Finishing <input type="checkbox"/></td> <td style="border: none;">Rec/Store/Packaging <input type="checkbox"/></td> <td style="border: none;">Other <input type="checkbox"/></td> </tr> <tr> <td style="border: none;">Large Fab <input type="checkbox"/></td> <td style="border: none;">Composite <input type="checkbox"/></td> <td style="border: none;">Supplier <input type="checkbox"/></td> <td></td> </tr> </table>						Skid-tube <input type="checkbox"/>	Cross tube <input type="checkbox"/>	Water Jet <input type="checkbox"/>	Engineering <input type="checkbox"/>	Machining <input type="checkbox"/>	Small Fab <input type="checkbox"/>	Prod. Eng. Coord. <input type="checkbox"/>	Quality <input type="checkbox"/>	Thermoforming <input type="checkbox"/>	Finishing <input type="checkbox"/>	Rec/Store/Packaging <input type="checkbox"/>	Other <input type="checkbox"/>	Large Fab <input type="checkbox"/>	Composite <input type="checkbox"/>	Supplier <input type="checkbox"/>	
Skid-tube <input type="checkbox"/>	Cross tube <input type="checkbox"/>	Water Jet <input type="checkbox"/>	Engineering <input type="checkbox"/>																						
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Large Fab <input type="checkbox"/>	Composite <input type="checkbox"/>	Supplier <input type="checkbox"/>																							
Date :		Step #:		QTY Effective :			MRB (QSI042) Approval July 26, 2018																		
Description Work Order Deviation				Disposition				Completed By Lead hand / Supervisor Approval Verification QC / QA Coordinator Approval																	
C3-12-5 can be manufactured from 17-4PH-H900 as an alternative material Heat treat and Nickel plating is not required if the part is manufactured from 17-4PH-H900				- This deviation is acceptable. - The drawing will be updated to reflect this change. - The fit, form and function of the part will be as originally intended.																					
Root Cause				FAULT CATEGORY																					
Environment	<input type="checkbox"/>			No Re-verification	<input type="checkbox"/>	Pressure/Forced	<input type="checkbox"/>	Temperature/Cure	<input type="checkbox"/>	Power Loss/Surge	<input type="checkbox"/>	Positioned Wrong													
Design	<input checked="" type="checkbox"/>			Operator	<input type="checkbox"/>	Bending	<input type="checkbox"/>	Set-up	<input type="checkbox"/>	Folio/Program	<input type="checkbox"/>	Outside Dimensions													
Doc/Data	<input type="checkbox"/>			Offset/Setup	<input type="checkbox"/>	Centre Not Concentric	<input type="checkbox"/>	BOM/Route	<input type="checkbox"/>	Grain	<input type="checkbox"/>	Over/Under tolerance													
Equip/Tooling	<input type="checkbox"/>			Supplier	<input type="checkbox"/>	Cracks	<input type="checkbox"/>	Broken/Damage/Defect	<input type="checkbox"/>	Weld	<input type="checkbox"/>	Part Incorrect													
Handling/Pre	<input type="checkbox"/>			Training	<input type="checkbox"/>	Crimp/Kink/Ripple/Wave	<input type="checkbox"/>	Inspection Incomplete/Unqualified	<input type="checkbox"/>	Wrong Stock Pulled	<input type="checkbox"/>	Part Lost/Missing													
Material	<input checked="" type="checkbox"/>			Use for Testing	<input type="checkbox"/>	Cuffs	<input type="checkbox"/>	Contamination	<input type="checkbox"/>	Out of Sequence	<input type="checkbox"/>	Part Moved													
Internal Transport	<input type="checkbox"/>			Poor Information	<input type="checkbox"/>	Crushing	<input type="checkbox"/>	Countersink	<input type="checkbox"/>	Off-set	<input type="checkbox"/>	Drawing													
Tribal Knowledge	<input type="checkbox"/>			Rushing	<input type="checkbox"/>	Heat Treat	<input type="checkbox"/>	Cut Too Short	<input type="checkbox"/>	Mislabeled	<input type="checkbox"/>	Finish													
LOA	<input type="checkbox"/>			Product Improvement	<input type="checkbox"/>	Wave/Twist in Tube	<input type="checkbox"/>	Instructions Incomplete/Unclear	<input type="checkbox"/>	Fit/Function	<input type="checkbox"/>	Misread													
Substation	<input type="checkbox"/>			Process Improvement	<input type="checkbox"/>	Marks/Chatter	<input type="checkbox"/>	Drill Holes	<input type="checkbox"/>	Misaligned/off center	<input type="checkbox"/>	Turning Sequence													
Past Expiry Date	<input type="checkbox"/>			Manufacturing Process	OTHER :																				
Misidentified	<input type="checkbox"/>			Past Due																					